



US Army Corps  
of Engineers.

Nashville District

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# Public Notice

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Public Notice No. 08-79      Date: December 10, 2008

Application No. 2008-00042      Expires: January 10, 2009

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Please address all comments to:  
Nashville District Corps of Engineers, Regulatory Branch  
Attn: Lisa R. Morris, 3701 Bell Road, Nashville, TN 37214

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**JOINT PUBLIC NOTICE**  
**US ARMY CORPS OF ENGINEERS**  
**TENNESSEE VALLEY AUTHORITY**

SUBJECT: Request for Easement and Proposed Municipal  
Wastewater Outfall at Tennessee River Mile 94.3, Right Bank,  
Humphreys County, Tennessee

TO ALL CONCERNED: The project described below has been  
submitted for a Department of the Army (DA) Permit pursuant  
to Section 10 of the Rivers and Harbors Act of 1899 and a  
Tennessee Valley Authority (TVA) permit pursuant to Section  
26a of the TVA Act.

In addition, the applicant requests that TVA grant a  
permanent easement across approximately 1.14 acres of TVA  
property to accommodate the approximately 2,500 linear feet  
of public sewer line would serve the City of Waverly. The  
requested property generally fronts the Temple-Inland  
Container industrial site. Approval of the easement and  
outfall would aid in removing Trace Creek from the 303(d)  
list as an impaired stream and allow the City to make  
improvements to their existing wastewater treatment plant,  
as described below.

APPLICANT: City of Waverly  
101 East Main Street  
Waverly, TN 37185

LOCATION: Tennessee River Mile 94.3, Right Bank, Kentucky  
Lake, fronting the Temple-Inland Container industrial site  
near the city of New Johnsonville, Humphreys County, TN.  
TVA Tract XTGIR-938S, RLR #179489, USGS Quad - Johnsonville,  
TN; lat 36-06-00, lon -87-56-00.

**DESCRIPTION OF PROPOSED WORK:** The City of Waverly proposes to construct a wastewater treatment plant to include a new wet well, effluent pump station, and a 16" diameter force main which would convey treated effluent approximately seven miles to a new discharge point in the Tennessee River at the subject location. Currently, treated effluent is discharged to Trace Creek which is listed on the 2004 303(d) List. The proposed plant improvements are part of the implementation of a Corrective Action Plan to comply with an Agreed Order (Case No. 04-0292) with the Tennessee Department of Environment and Conservation (TDEC). TDEC has approved a new discharge NPDES permit for the project (TN0078808).

The treated effluent would be conveyed to the new discharge point downstream of the existing Temple Inland discharge point at approximate River Mile 94. The treated effluent would be discharged through a submerged diffuser approximately 15 feet below the minimum low water level of 352.0, or Elevation 337.0. Channel grade at this location is also Elevation 337.0. The structure would be located on the right bank channel wall, approximately 700 ft from the shore. The outfall would be installed at an angle of approximately 45 degrees from the direction of flow.

The construction plan is to install the final portion of effluent outfall into Kentucky Lake utilizing trenchless installation methods. This would involve boring a pilot hole below the ground surface to the proposed endpoint in the river channel. The bore would be monitored using instrumentation, which would accurately locate the bore relative to the ground surface and produce a profile of the bore. The boring rig would set up on the shore line, and bore approximately 500 feet into the river channel. The HDPE pipe would then be attached to the boring cable and pulled back through the pilot bore hole. This method of pipeline installation would not disturb the overlying riverbed.

The project would be constructed in four phases. The first phase was completed in December 2006 and included about three miles of landside force main installation. This section of force main extends from the existing treatment plant to Scepter Road. The second phase would involve installation of approximately four miles of force main, on existing Humphreys County road ROW (follow Scepter Road to Conalco Road to the Temple Inland property). The third phase of work would include the last section of force main installation across the Temple Inland and TVA property and the outfall line in Kentucky Lake. The final phase of construction would include construction of the pump station and would occur at the existing wastewater treatment plant.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the work, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the work, will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines it to be contrary to the public interest.

The Corps and TVA are soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps and TVA to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historical properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used to determine the need for a public hearing and the overall public interest of the proposed activity.

The proposed work has been categorically excluded from environmental documentation by 33 CFR Part 325 Appendix B, Paragraph 6, effective on March 6, 1988. An Environmental Assessment or Impact Statement could be required if extraordinary circumstances with substantial effects are revealed during the public interest review process.

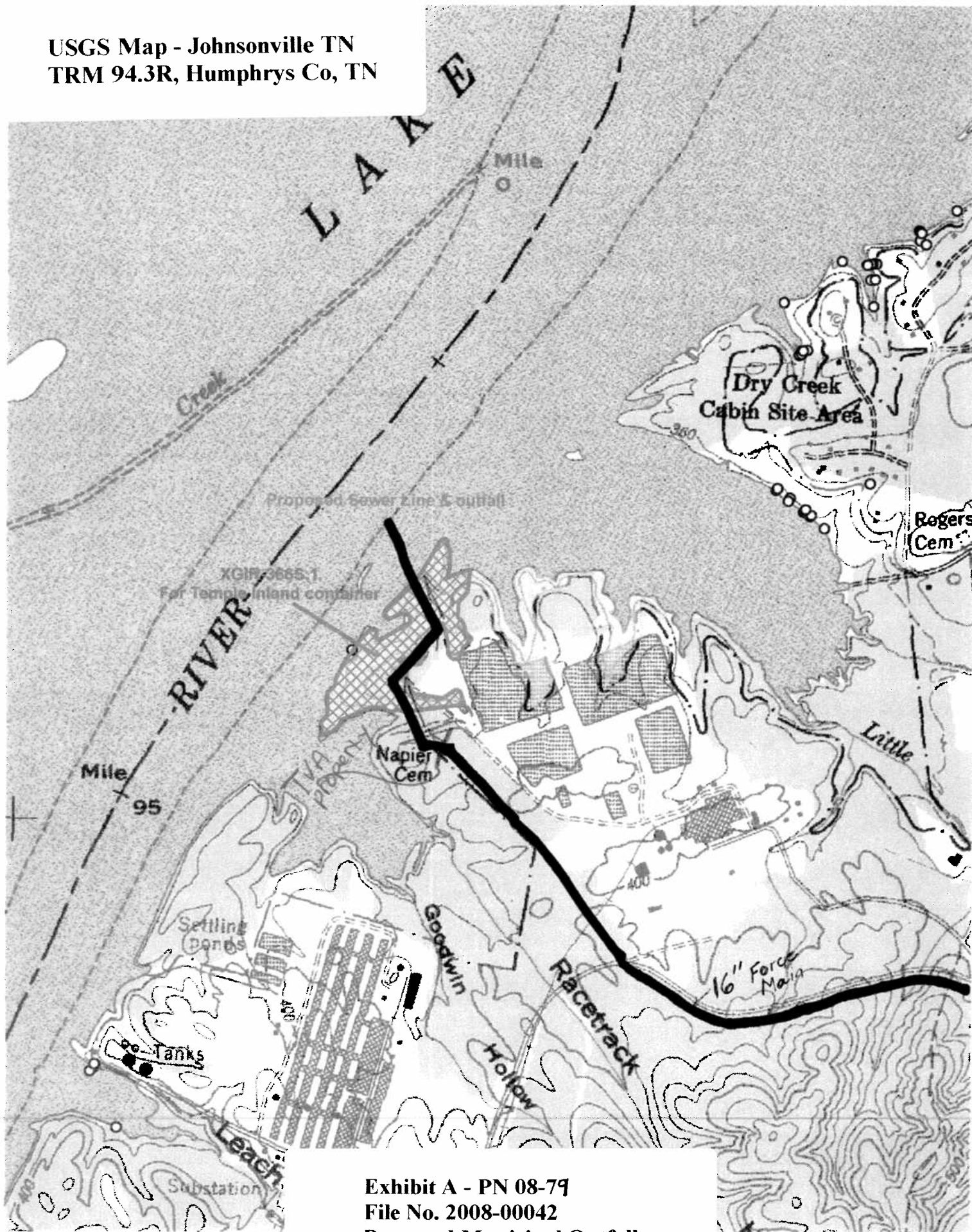
Endangered Species. By letter, November 22, 2005, to Community Development Partners, RE: USFWS #00-TA-0125, the US Fish and Wildlife Service concluded that no federally listed threatened or endangered species occur within the project area. Based on this information, the proposed work will not destroy or endanger federally listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and, therefore, initiation of formal consultation procedures with the USFWS is not planned at this time.

Cultural Resources. By letter, January 23, 2006, to Community Development Partners, RE: HUD Sewer System Improvement Project (Phase I Archaeological Survey of 32,000 Linear Feet of Outfall Line for Sewer System Improvements for the City of Waverly, Humphreys County, TN, Weaver & Associates, LLC), the Tennessee Historical Commission stated that the project area contains no resources eligible for listing in the National Register of Historic Places. Based on this information, this review constitutes the full extent of our cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. A copy of this notice is being sent to the office of the state historic preservation officer.

Other federal, state, and/or local approvals may be required for the proposed work. The applicant has a current authorization to discharge under the NPDES program (TDEC Permit No. TN0078808, dated February 2006).

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for hearings shall state, with particularity, the reasons for holding a hearing. **Written statements received in this office on or before January 10, 2009, will become a part of the record and will be considered in the determination.** Any response to this notice should be directed to the Regulatory Branch, Attn: Lisa Morris, at the above address, telephone (615) 369-7504. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to Ms. Ember Anderson, Senior Watershed Representative, TVA Kentucky Watershed Team, 2835-A East Wood Street, Paris, TN 38242, telephone (731) 641-2000.

**USGS Map - Johnsonville TN  
TRM 94.3R, Humphrys Co, TN**



**Exhibit A - PN 08-79  
File No. 2008-00042  
Proposed Municipal Outfall  
Request for TVA Easement**

